

Alhambrazidad ng Hiligina

Mabuhay!

Alinang sa batas ng Republika ng Pilipinas at batas sa rekomendasyon ng Rotatibo
at pagpapalibay ng Konseho ng Unibersidad, ipinagkaloob ng Lupon ng mga Rehenes kay



May Ann Sanchez Estop

na nakatupad sa mga tinatayang pangangailangan ng Kurso, ang tiulong

Master of Science (Statistics)

Kasama ang lahat ng mga karapatan, katungkulan at pribilehiyo, gayundin ang mga obligasyon at pananagutang kanilabot nito.
Ipinagkaloob sa Luponod ng Luzon, Pilipinas, ngayong ika-26 ng Hango ng taong dalawang libo't labing-anim.



ALFREDO E. PASQUAL

Alfredo E. Pasqual
Pangulu ng Unibersidad

LILIAN A. DELAS LLAGAS

Lilian A. Delas Llagas
Pangulu ng Unibersidad

MICHAEL L. TAN

Michael L. Tan
Pangulu ng U.P. Diliman

CLAIRE DENNIS S. MAPA

Claire Dennis S. Mapa
Pangulu ng Unibersidad



University Of The Philippines Diliman
Office of the University Registrar

26 October 2016

This is to certify that

MAY ANN SANCHEZ ESTOY

of 1474 Zone 3 Brgy Guadalupe, Baybay City, Leyte

graduated from the School of Statistics

University of the Philippines Diliman with the degree(s) of

MASTER OF SCIENCE (Statistics)

on June 26, 2016.

CERTIFIED PHOTOCOPY OF THE ORIGINAL


TERESITA L. QUINANOLA
SUPERVISING ADMINISTRATIVE OFFICER



MARILYN R. CANTA, Ph.D.
University Registrar

/chad

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website: www.our.upd.ph * email: our@upd.edu.ph

Admission & Registration ext. 4555, 4556, 4557 / admission.our@upd.edu.ph * CRSRS ext. 4560, 4565 / crsrsupport@list.upd.edu.ph
Transcript ext. 4561, 4562 / transcript@upd.edu.ph * Records ext. 4559, 4563 / records.our@upd.edu.ph
Publications & UC Secretariat ext. 4554, 4558 / uc.secretariat.upd@gmail.com

CERT 14080001-25785



OFFICE OF THE UNIVERSITY REGISTRAR
OFFICIAL TRANSCRIPT OF RECORDS

Entrance Data:

Date/Semester admitted 1st Semester, 2013-2014

Category College Graduate

Diploma/Title/Degree B.S. in Statistics

High School/College Visayas State University

Date Graduated/Last attended April 8, 2010

NCEE Rating Year Taken

S.O. No.: Date

Name ESTOY, MAY ANN SANCHEZ

Student No. 2013-78915 Sex Female

Date & Place of Birth May 02, 1989; Baybay, Leyte

Father's Name Eduardo Estoy

Mother's Name Lucenita Sanchez

Degree/Title/Course:

MASTER OF SCIENCE (Statistics), June 26, 2016

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	DESCRIPTIVE TITLE OF COURSE	FINAL	Re-exam Completion	
	<p>Records from the University of the Philippines Diliman are on page 2.</p> <p>Entrance credentials show graduation from Visayas State University with the degree of Bachelor of Science in Statistics (BSS), <i>cum laude</i> on April 8, 2010.</p> <p>Certified true copies of the official transcript of records from the above school are attached as pages 5, 6, and 7.</p>			

Continued on page 2. Transcript guide on page 3 and page 4.

Initial Checker depacis Date 07/13/2016

Final Checker lmanuzon Date 10/24/2016

Printed By jeadiz Date 10/24/2016

Date Issued OCT 27 2016

MARILYN R. CANTA, Ph.D.
University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN, Office of the University Registrar, Kalaw Street, UP Campus, Diliman, Quezon City

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TERESITA L. QUIRANO



OFFICE OF THE UNIVERSITY REGISTRAR
OFFICIAL TRANSCRIPT OF RECORDS

Name **ESTOY, MAY ANN SANCHEZ**
Student No. **2013-78915**

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	DESCRIPTIVE TITLE OF COURSE	FINAL	Re-exam Completion	
SCHOOL OF STATISTICS (Master's Program)				
1st Semester, 2013-2014				
Stat 230	Special Topics in Mathematics for Statistics: Real Analysis	2		3
Stat 231	Probability Theory	Inc	---	-
Stat 267	Advanced Applied Multivariate Analysis	1.5	.	3
2nd Semester, 2013-2014				
Stat 231	Probability Theory	1.75		3
Stat 232	Parametric Inference	2		3
Stat 250	Sampling Designs	1.75		3
Stat 280	Special Fields of Statistics	2		3
Summer, 2014 Residence				
Midyear, 2014 Residence				
1st Semester, 2014-2015				
Stat 233	Linear Models	1.75		3
Stat 245	Survival Analysis	1		3
Stat 252	Bootstrap Methods	1.25		3
Stat 290	Statistical Consulting	Pass		1
2nd Semester, 2014-2015				
Stat 234	Multivariate Analysis	1.75		3
Stat 290	Statistical Consulting	Pass		1
Stat 300	Master's Thesis	Inc	Pass	6
Midyear, 2015 Residence				
1st Semester, 2015-2016 Residence				
2nd Semester, 2015-2016 Residence				
Thesis Title: "Quantile Regression and REML Approach for Robust Regression of Clustered Data"				
Graduated with the degree of MASTER OF SCIENCE (Statistics) on June 26, 2016				
End of UP Diliman Transcript. Cleared: October 21, 2016				

Initial Checker depacis Date 07/13/2016
Final Checker icmanuzon Date 10/24/2016
Printed By jcadiz Date 10/24/2016
Date Issued OCT 27 2016



MARILYN R. CANTA, Ph.D.
University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN, Office of the University Registrar, Kalaw Street, UP Campus, Diliman, Quezon City

CERTIFIED PHOTOCOPY OF THE ORIGINAL

TERESITA L. QUINANOLA
BUILDING ADMINISTRATIVE OFFICE



UNIVERSITY OF THE PHILIPPINES DILIMAN

TRANSCRIPT GUIDE

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Student records are confidential and information is released only at the request of the student or of appropriate institutions [provided an authority to release is issued by the student]. "Partial" transcripts are not issued. Official transcripts of records obtained from other institutions and which have been submitted to the University for admission and/or transfer of credit become part of the student's permanent record and are issued as certified true copies with the UP transcript.

Application for transcript of records should be accompanied by a student clearance (UP Form 241). University clearance should be applied for immediately after the last semester/trimester/term of enrolment.

Transcript Entries

Courses taken in UP Diliman, cross-enrolled in other Constituent Units (CUs); Advance Placement Examination (APE), Advance Credits Awarded, and Proficiency Examination in Physical Education (PEPE) appear in the Transcript of Records.

Advance Placement Examination (APE)

New freshmen who qualify for and pass the prescribed advance placement examination in basic courses in the freshman year such as the languages, College Algebra, Plane Trigonometry, and others within one (1) year of their enrolment in the University, shall be given credit for the corresponding subjects in their academic program provided that this privilege is not given for more than six (6) units in any one discipline. These examinations are usually scheduled two (2) weeks before the advanced freshmen registration every first semester.

Holders of the International Baccalaureate (IB) diploma/certificate may apply for advance credit for certain subjects they have taken. However, the total credit that may be granted, including automatic credit, shall not exceed 15 units per subject area.

Proficiency Examination in Physical Education (PEPE)

Proficiency examinations (or credit by examination) in PE courses are given to enable students who are already skillful in one (1) or more sports to acquire advanced units in PE. Any student who passes a PEPE shall be given credit for the corresponding PE course. Students may take proficiency examinations in one (1) or more courses to meet the PE requirements. The examination is given twice a year before the start of every semester.

Validation for Advanced Credits

A transfer student admitted with less than 66 units of work must validate all the courses he/she is applying for advanced credits at the rate of 18 units a semester within a period not exceeding three (3) semesters from the date of admission.

As of February 2015

Academic Calendar

The Academic Calendar is divided into two (2) semesters of at least 16 weeks each, exclusive of registration and final examination period. Each semester consists of at least 100 class days. A summer session of 6 weeks follows the second semester. Class work in the summer session is equivalent to class work in one (1) semester.

The first semester begins in August, the second semester in January, and the midyear term in June.

All academic units in UP Diliman operate under the semestral system, except for the Master of Business Administration and the Master of Science in Finance programs of the Cesar E.A. Virata School of Business (CEAVSB), the Master of Management of the UP Extension Program in Pampanga/Olongapo, and the Professional Masters in Tropical Marine Ecosystems Management program of the College of Science which are under the trimestral system.

Special Order Number

The University of the Philippines, the National University by virtue of R.A. 9500, operates under a University Charter. Graduation of students does not require confirmation by the Commission on Higher Education (CHED), thus, the University does not issue a Special Order No. to its graduates.

Authenticity

The copy of the Transcript of Records is an exact reproduction of the transcript on file with the Office of the University Registrar and is considered as a copy of the original when it bears the dry seal of the University and the original signature of the University Registrar or a Security Signature Stamper. The use of the stamper was approved by the Board of Regents at its 1303rd meeting held last 26 November 2014 and implemented effective January 2015.

Any erasure or alteration made on this copy renders the whole transcript spurious and invalid.

Credit Unit

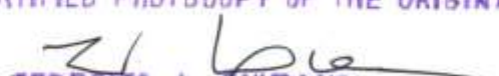
The unit is the semester hour. Most classes taught at the University meet 3 hours a week; these classes carry 48 clock hours of instruction and 3 units of credit.

Each unit of credit is at least 16 semester-hours of instruction in the form of lecture, discussion, seminar, tutorial, recitation, or any combination of these forms. Laboratory work, field work, or related student activity is credited one (1) unit for at least thirty-two (32) semester hours.


MARILYN R. CANTA, Ph.D.
University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN, Office of the University Registrar, Kalaw Street, UP Campus, Diliman, Quezon City

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TERESITA L. GUINANO
Training Administrator



VISAYAS STATE UNIVERSITY

(Formerly Visayas State College of Agriculture and Leyte State University)

Main Campus

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+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : Estoy, May Ann Sanchez
Student Number : 06-1-00134
Date of Birth : May 02, 1989
Place of Birth : Baybay, Leyte
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
Parent/Spouse : Eduardo Estoy
Address : Guadalupe, Baybay, Leyte
Tel. No./Cell. No. :
Guardian :
Address/Cell. No. :



PRELIMINARY EDUCATION

Elementary : Visca Foundation Elementary School Year : 2002
Visca, Baybay, Leyte
High School : LSU Lab.High School Year : 2006
LSU-Visca, Baybay, Leyte
Entrance Form 137-A
Credential : LSU Laboratory High School
Visca, Baybay, Leyte

GRADING SYSTEM

RATING	EQUIVALENT	INDICATION
1.00	97-100	Excellent
1.25	94-96	Highly Outstanding
1.50	91-93	Outstanding
1.75	88-90	Very Good
2.00	85-87	Good
2.25	82-84	Very Satisfactory
2.50	79-81	Satisfactory
2.75	76-78	Fair
3.00	75	Passing
5.00	BELOW 75	Failure
S - Satisfactory	Inc - Incomplete	
U - Unsatisfactory	Drp - Dropped	
Au - Audit (No credit)		

One collegiate unit of credit is one hour lecture or recitation each week or a total of 18 hours in a semester. Three hours of laboratory work, drafting, or a shop work each week or a total of 54 hours a semester are regarded as equivalent also to one unit of credit.

The semestral average of a student is computed by multiplying the number of units assigned to a course by the grade earned and the product divided by the total units earned for the semester.

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University Registrar

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VISAYAS STATE UNIVERSITY

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OFFICIAL TRANSCRIPT OF RECORDS

VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

06-1-00134 : Estoy, May Ann Sanchez

BS in Statistics (BSS)

Course	Descriptive Title	Grade	Credit
First Semester, SY 2006-2007			
Chem 11	GENERAL CHEMISTRY I	1.00	4.0
ENGL 11	COMMUNICATION SKILLS I	1.50	3.0
Math 11	COLLEGE ALGEBRA	2.25	3.0
PSYC 11	GENERAL PSYCHOLOGY	1.50	3.0
SSCI 13	SOCIO-ECONOMIC SYSTEMS	1.50	3.0
SSCI 15	PHIL. HISTORY, GOVERNMENT & CONSTITUTION	1.50	3.0
PhyEd 11	PHYSICAL FITNESS AND GYMNASISTICS	1.25	2.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.25	3.0
Second Semester, SY 2006-2007			
Biol 11	GENERAL BIOLOGY	1.50	4.0
Engl 12	COMMUNICATION SKILLS II	1.50	3.0
Math 12	PLANE TRIGONOMETRY	1.75	3.0
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.25	3.0
ScSc 14	PHIL.SOC.PROBS., LAND REFORM & TAXATION	1.00	3.0
Soci 11	GENERAL SOCIOLOGY	1.50	3.0
PhyEd 12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	1.25	2.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.25	3.0
First Semester, SY 2007-2008			
AGRO 21	FUNDAMENTALS OF CROP PRODUCTION	1.50	3.0
ENGL 21	INTRODUCTION TO LITERATURE	1.75	3.0
Math 125	MATHEMATICAL ANALYSIS I	2.50	5.0
MATH 25	MATHEMATICAL LOGIC	2.00	3.0
PHYS 11	GENERAL PHYSICS	2.50	4.0
PPRT 21	PRINCIPLES OF PLANT PROTECTION	2.00	3.0
PhyEd 13	TEAM SPORTS (VOLLEYBALL-coed)	1.50	2.0
Second Semester, SY 2007-2008			
AS 22	PRIN. OF ANIMAL PRODUCTION	1.50	3.0
BIOL 22	PRINCIPLES OF GENETICS	1.25	3.0
MATH126	MATHEMATICAL ANALYSIS II	2.25	5.0
Spch 11	SPEECH COMMUNICATION	1.50	3.0
SS 22	FUNDAMENTALS OF SOIL SCIENCE	1.50	3.0
STAT 21	ELEMENTARY STATISTICS	1.75	3.0
PhyEd 14	INDIVIDUAL-DUAL SPORTS (LAWN TENNIS)	1.50	2.0
First Semester, SY 2008-2009			
CS 131	INTRODUCTION TO COMPUTER PROGRAMMING	1.50	3.0
Econ 101	MICROECONOMICS	1.75	3.0
ENGL 23	WRITING THE ESSAY	1.25	3.0
FIL 11	SINING NG PAKIKIPAGTALASTASAN AT RETORIKA	1.25	3.0
Math 128	INSURANCE MATHEMATICS	1.75	3.0
Math 131	MATRIX ALGEBRA	2.25	3.0
STAT 131	INTRO. TO PROBABILITY THEORY	2.25	3.0
STAT 135	INTRO. TO DESCRIPTIVE STATISTICS	1.50	3.0
Second Semester, SY 2008-2009			
CS 132	COMPUTER PROGRAMMING: BASIC	1.50	3.0
Econ 102	MACROECONOMICS	1.25	3.0
FIL 12	PANITIKANG FILIPINO	1.50	3.0
Stat 132	STATISTICAL INFERENCE	2.25	3.0

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University Registrar

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CSC ADMINISTRATIVE



VISAYAS STATE UNIVERSITY

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+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

06-1-00134 : **Estoy, May Ann Sanchez**
BS in Statistics (BSS)

Course	Descriptive Title	Grade	Credit
Second Semester, SY 2008-2009			
Stat 133	NON PARAMETRIC STATISTICS	1.50	3.0
Stat 134	REGRESSION, CORRELATION ANALYSIS	1.25	3.0
Stat 136	EXPERIMENTAL DESIGNS	1.75	3.0
Stat 138	INTRODUCTION TO SAMPLE SURVEYS	2.50	3.0
First Semester, SY 2009-2010			
CS 141	COMPUTER PROGRAMMING: FORTRAN	1.25	3.0
ECOL 21	FUNDAMENTALS OF ECOLOGY	2.00	3.0
PROFED121	FOUND. OF EDUCATION I/ THE TEACHING PROFESSION	2.50	3.0
STAT 141	INTRO.TO MULTIVARIATE DATA ANALYSIS	1.25	3.0
STAT 143	STAT.METH.FOR BIO.&PHYSICAL SCI.RES	2.50	3.0
STAT 145	STATIST'L.METH.FOR SOC.SCI.RESEARCH	2.50	3.0
STAT 198	RESEARCH PLANN. & MANUSCRIPT PREP.	1.75	3.0
STAT 199	UNDERGRADUATE SEMINAR	1.50	1.0
Second Semester, SY 2009-2010			
CS 142	STATISTICAL PACKAGES	1.25	3.0
FS 121	FUNDAMENTALS OF FARMING SYSTEMS	1.75	3.0
Hum 11	INTRODUCTION TO HUMANITIES	1.25	3.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.75	3.0
Stat 142	INTRODUCTION TO OPERATIONS RESEARCH	1.50	3.0
Stat 190	SPECIAL PROBLEM	1.50	3.0

SPECIAL PROBLEM :

OPERATING CHARACTERISTICS OF THE QUEUEING SYSTEMS IN THREE FAST-
FOOD ESTABLISHMENTS IN THE VISAYAS STATE UNIVERSITY

Graduated **Cum Laude** on April 8, 2010 with the degree of Bachelor of Science
in Statistics (BSS) as per VSU Board of Regents Resolution No. 3, s.
2010 dated February 16, 2010.

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ADMINISTRATIVE OFF